

A. Amendment to the Specification

Please replace paragraph 21 with the following paragraph.

[0021] FIGS. 6 and 7 illustrate a different embodiment of the described invention. FIG. 6 shows the embodiment wherein a poppet valve 105 seals passage 50' from cylinder 60', valve stem of valve 105 projects upwards through sections 34' and 36' into compartment 108 containing helical spring 106, retainer 107, and keeper 111 that keeps valve 105 tensioned against the lower wall of passage 50' when the valve orifice 60A is closed. When combustion of fuel and air compressed in passage 50' occurs the force of combustion, fluid pressure, pushes valve 105 down against the face of piston 76' temporarily forcing it towards bottom dead center. Burning fuel mixture flows into cylinder 60' through the valve [port] orifice and continues to force piston 77 towards BDC as the valve closes. At BDC the piston uncovers the exhaust port 42' and exhaust gases escape through it from cylinder 60'. Valve 105 closes when fuel injector 52' (not shown) stops injecting fuel into the engine at which time the fresh air from the compressor flowing into passage 50' burns out the remaining fuel within passage 50'. Throttle butterfly valves 101 and 102 control the amount of air flowing into the engine. Screw on cap 104 covers the compartment 108. Valve stem of valve 105 passes through valve guide 110.